

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: MILLER ENERGY COMPANY II, LLC

Name:

ClientProj: 2020704005.01

GTA ProjNo: 121923-7

Site Addr: RICHMOND TWP PIPELINE

Sampled By: JOSHUA GERRIE/GCES

Date Rec: 12/19/2023

Time Rec: 2:35 PM

Sample No.	Sample ID	Date Sampled	Time Sampled	Sample Matrix
1	MW-5D	12/19/2023		WATER
2	MW-6	12/19/2023		WATER
3	MW-7	12/19/2023		WATER
4	23061 US 10	12/19/2023		WATER

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk Chase

Kirk L. Chase/Chemist
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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704005.01

LOCATION: RICHMOND TWP PIPELINE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-5D

GTA PROJECT NO: 121923-7

GTA SAMPLE NO: 1

DATE SAMPLED: 12/19/2023

TIME SAMPLED:

DATE RECEIVED: 12/19/2023

TIME RECEIVED: 2:35 PM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/20/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704005.01

LOCATION: RICHMOND TWP PIPELINE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-6

GTA PROJECT NO: 121923-7

GTA SAMPLE NO: 2

DATE SAMPLED: 12/19/2023

TIME SAMPLED:

DATE RECEIVED: 12/19/2023

TIME RECEIVED: 2:35 PM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/20/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704005.01

LOCATION: RICHMOND TWP PIPELINE

MI

SAMPLE MATRIX: WATER

SAMPLE ID: MW-7

GTA PROJECT NO: 121923-7

GTA SAMPLE NO: 3

DATE SAMPLED: 12/19/2023

TIME SAMPLED:

DATE RECEIVED: 12/19/2023

TIME RECEIVED: 2:35 PM

SAMPLED BY: JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/20/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
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COMPANY:	MILLER ENERGY COMPANY II, LLC	GTA PROJECT NO:	121923-7
PROJECT NO:	2020704005.01	GTA SAMPLE NO:	4
LOCATION:	RICHMOND TWP PIPELINE	DATE SAMPLED:	12/19/2023
		TIME SAMPLED:	
	MI	DATE RECEIVED:	12/19/2023
		TIME RECEIVED:	2:35 PM
SAMPLE MATRIX:	WATER		
SAMPLE ID:	23061 US 10	SAMPLED BY:	JOSHUA GERRIE/GCES

EPA 8260B VOLATILE ORGANICS

<u>Analysis</u>	<u>Concentration</u>	<u>LOD</u>	<u>Units</u>	<u>Analyst</u>	<u>Date</u> <u>Extracted</u>	<u>Date</u> <u>Completed</u>	<u>Prep Method</u>
Benzene	ND	1.0	ug/L (PPB)	MR		12/20/2023	EPA 5030B
Toluene	ND	1.0					
Ethylbenzene	ND	1.0					
Xylene(Total)	ND	3.0					
1,2,4-Trimethylbenzene	ND	1.0					
1,3,5-Trimethylbenzene	ND	1.0					
Naphthalene	ND	5.0					
2-Methylnaphthalene	ND	5.0					

SOIL/SOLIDS CONCENTRATIONS ARE DETERMINED ON A DRY WEIGHT BASIS.
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COMPANY: MILLER ENERGY COMPANY II, LLC

PROJECT NO: 2020704005.01

LOCATION: RICHMOND TWP PIPELINE

GTA PROJECT NO: 121923-7

GTA SAMPLE NO: 1

DATE SAMPLED: 12/19/2023

TIME SAMPLED:

DATE RECEIVED: 12/19/2023

TIME RECEIVED: 2:35 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS**No: Analysis**

SAMPLE ID: MW-5D

CHLORIDE EPA 300.0

Concentration

2,400

LOD

50

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

12/26/2023

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 121923-7

PROJECT NO: 2020704005.01

GTA SAMPLE NO: 2

LOCATION: RICHMOND TWP PIPELINE

DATE SAMPLED: 12/19/2023

TIME SAMPLED:

DATE RECEIVED: 12/19/2023

TIME RECEIVED: 2:35 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-6

CHLORIDE EPA 300.0

Concentration

15

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

12/26/2023

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 121923-7

PROJECT NO: 2020704005.01

GTA SAMPLE NO: 3

LOCATION: RICHMOND TWP PIPELINE

DATE SAMPLED: 12/19/2023

TIME SAMPLED:

DATE RECEIVED: 12/19/2023

TIME RECEIVED: 2:35 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: MW-7

CHLORIDE EPA 300.0

Concentration

28

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

12/26/2023

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: MILLER ENERGY COMPANY II, LLC

GTA PROJECT NO: 121923-7

PROJECT NO: 2020704005.01

GTA SAMPLE NO: 4

LOCATION: RICHMOND TWP PIPELINE

DATE SAMPLED: 12/19/2023

TIME SAMPLED:

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TIME RECEIVED: 2:35 PM

MI

SAMPLED BY: JOSHUA GERRIE/GCES

SAMPLE ANALYSIS

No: Analysis

SAMPLE ID: 23061 US 10

CHLORIDE EPA 300.0

Concentration

20

LOD

10

Units

mg/L (PPM)

Analyst

KC/TR

Date Completed

12/26/2023

Sample Matrix

WATER

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

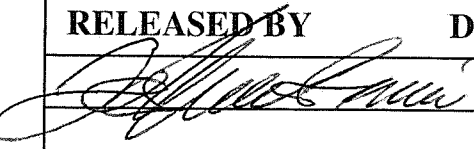
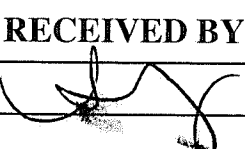
s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

PROJECT NUMBER	SITE NAME/ADDRESS	COMPANY/NAME
2020704005.01	Richmond Twp. Pipeline	Miller Energy Co.
SAMPLED BY	COMPANY	GTA PROJECT #
Joshua Gerrie	Gosling Czubak	121923-7

SAMPLE INFORMATION

#	SAMPLE ID	DATE SAMPLED	TIME	MATRIX	ANALYSIS
1	MW-5D	12-19-23		GW	BTEX+4+Chloride
2	MW-6	↓		↓	
3	MW-7	↓		↓	
4	23061 US-10	↓		DW	↓

BILL TO:	TempRec: ☐	On Ice? ☒ Y ☐ N	REPORT TO:
Miller Energy Co.	3.1°C		Eric Vincke
RELEASED BY	DATE/TIME	RECEIVED BY	DATE/TIME
	12-19-23/1435		12/19/23/1435
REQUESTED TAT ☒ STANDARD		☐ 1 BUSINESS DAY ☐ 2 BUSINESS DAYS ☐ 3 BUSINESS DAYS	